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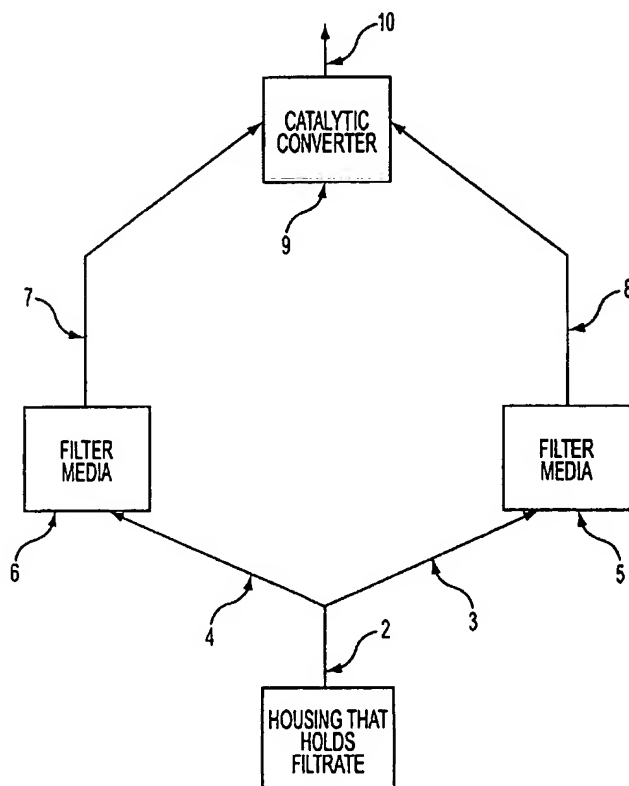
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[Continued on next page]

(54) **Title:** FILTRATION MEDIA OF POROUS INORGANIC PARTICLES



(57) **Abstract:** Inorganic, porous particles filter a substance or substances from a flow of fluid such as a gas. The particles can be arranged into a bed to filter a substance (filtrate substance) from a fluid. The filtrate substance can collect on or within the pores of the inorganic particles. Collection of the filtrate substance within the pores of the particles rather than within the interstices of the bed enhances the filtering capacity and does not impede the flow of fluid through the bed of particles. Furthermore, the inorganic particles are re-usable, in that they can be subjected to harsh filtrate-separation techniques, e.g., heat treatment, solvent extraction, detergent washing, and centrifugal separation, yet retain their desired properties.

WO 02/070105 A3



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## INTERNATIONAL SEARCH REPORT

Int. Application No

PCT/US 02/05753

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01D46/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 010 558 A (P. ACKLAND) 4 January 2000 (2000-01-04)  column 6, line 12 - line 54; claim 1; figure 1 ---	1-3, 7-11, 16, 17
X	GB 1 014 594 A (VAN PRODUCT COMP.) 31 December 1965 (1965-12-31)  the whole document ---	1-3, 11-14, 17, 26
A	GB 1 255 268 A (UNITED STATES ATOMIC ENERGY COMMISSION) 1 December 1971 (1971-12-01) the whole document ---  -/--	1-3



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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